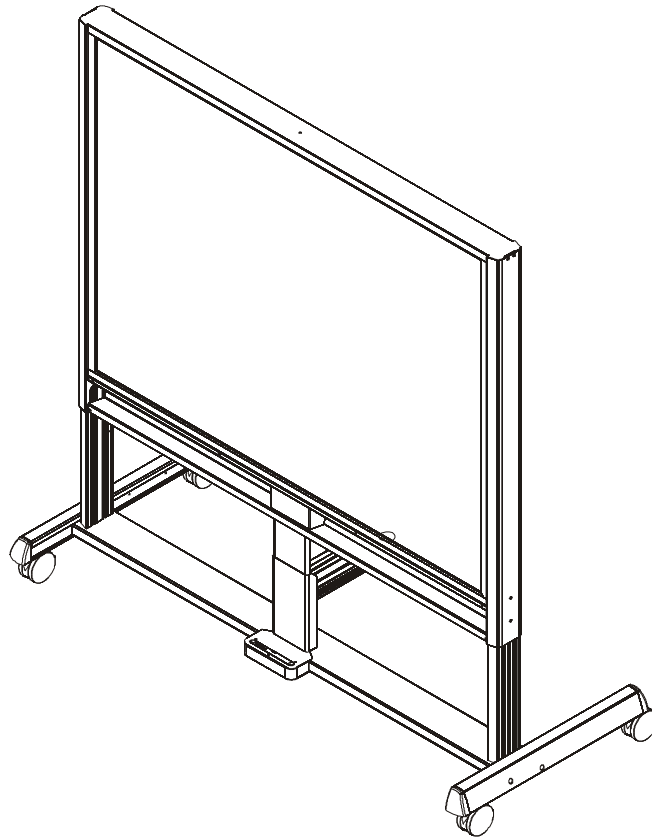

INSTALLATION INSTRUCTIONS



IDEA™ Interactive Rear Projector Cart

DISCLAIMER

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IMPORTANT SAFETY INSTRUCTIONS



WARNING: A WARNING alerts you to the possibility of serious injury or death if you do not follow the instructions.



CAUTION: A CAUTION alerts you to the possibility of damage or destruction of equipment if you do not follow the corresponding instructions.



WARNING: Failure to read, thoroughly understand, and follow all instructions can result in serious personal injury, damage to equipment, or voiding of factory warranty! It is the installer's responsibility to make sure all components are properly assembled and installed using the instructions provided.



WARNING: Failure to provide adequate structural strength for this component can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the structure to which this component is attached can support five times the combined weight of all equipment. Reinforce the structure as required before installing the component.



WARNING: Exceeding the weight capacity can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the combined weight of all components located on the projector boom arm do not exceed 25 lbs (11.34 kg).



WARNING: Use this mounting system only for its intended use as described in these instructions. Do not use attachments not recommended by the manufacturer.



WARNING: Never operate this mounting system if it is damaged. Return the mounting system to a service center for examination and repair.



WARNING: Do not use this product outdoors.

--SAVE THESE INSTRUCTIONS--

eBeam™ Interactive System Requirements

The eBeam™ Interactive system works with standard projectors and Windows® and Macintosh® computers.

IMPORTANT ! : After adding batteries to the stylus (FF), tighten the cap **only** to the point of being fingertip-tight. Overtightening cap may cause the stylus to stop transmitting signals.

Minimum System Requirements

- Windows® System
 - Compatible PC with Pentium™ II 400 MHz+ processor and 256 MB RAM
 - Windows 2000, XP, Server 2003, Vista, or 7
 - 30 MB available hard drive space
 - Available USB port
- Macintosh® System
 - Power PC®/Intel™ 1.42 GHz+ processor and 1G RAM
 - Mac OS X 10.5 through 10.6
 - 25 MB available hard drive space
 - Available USB port

Active Capture Area Size

- The maximum active capture area supported is: 4 ft x 7 ft or up to 94 inches diagonal measure.
- The minimum active capture area supported is: 1.7 ft x 1.1 ft.

Connection Requirement

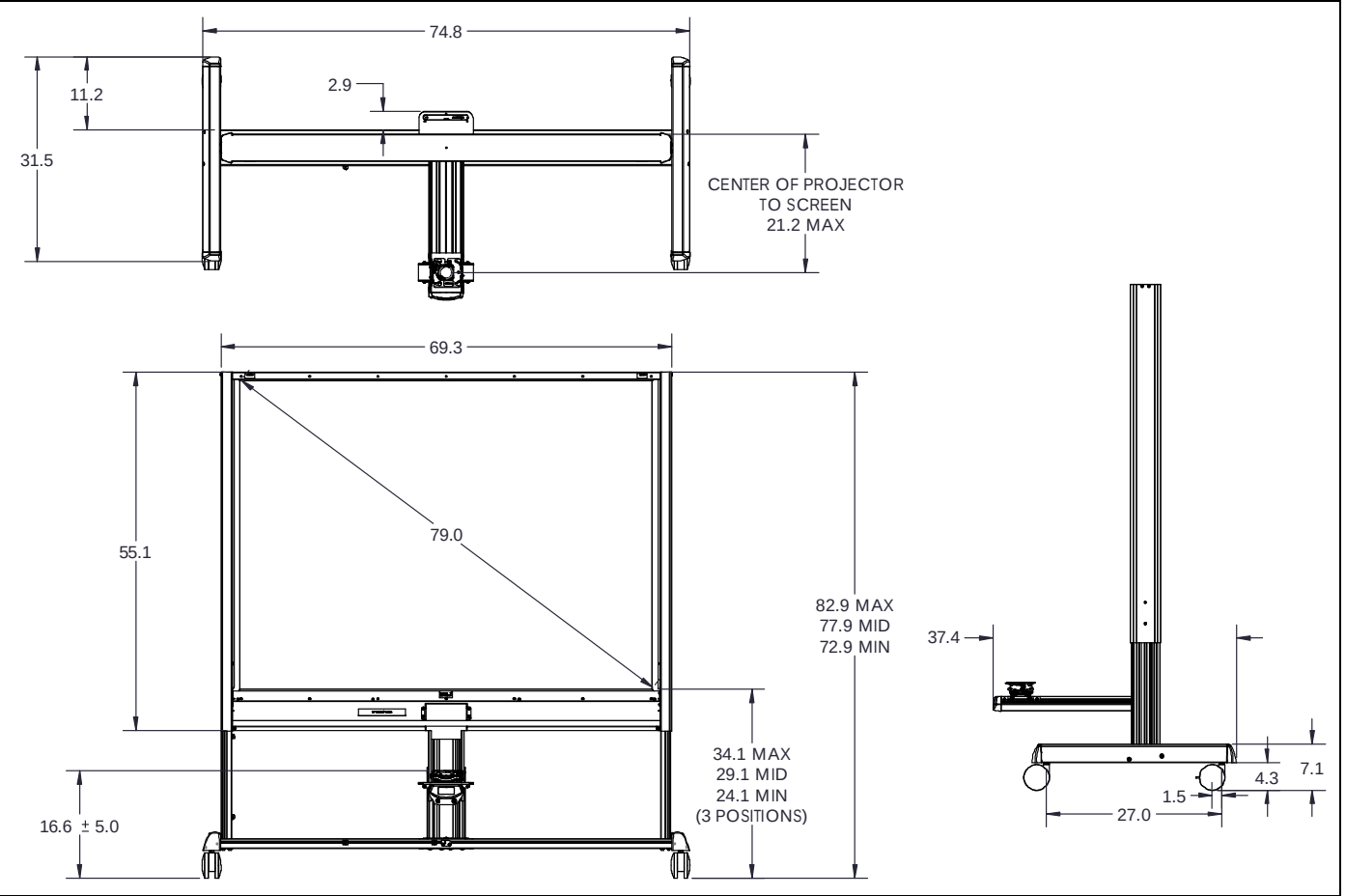
- The interactive mount includes a USB cable.

Screen Recording Requirements

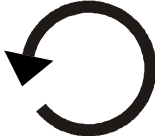
(Currently available only on Windows platform.)

- Pentium™ IV processor
- 1.4GHz, with 512MB RAM

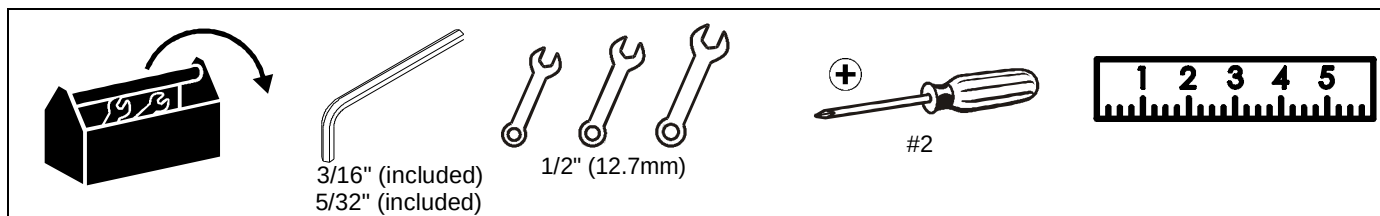
DIMENSIONS



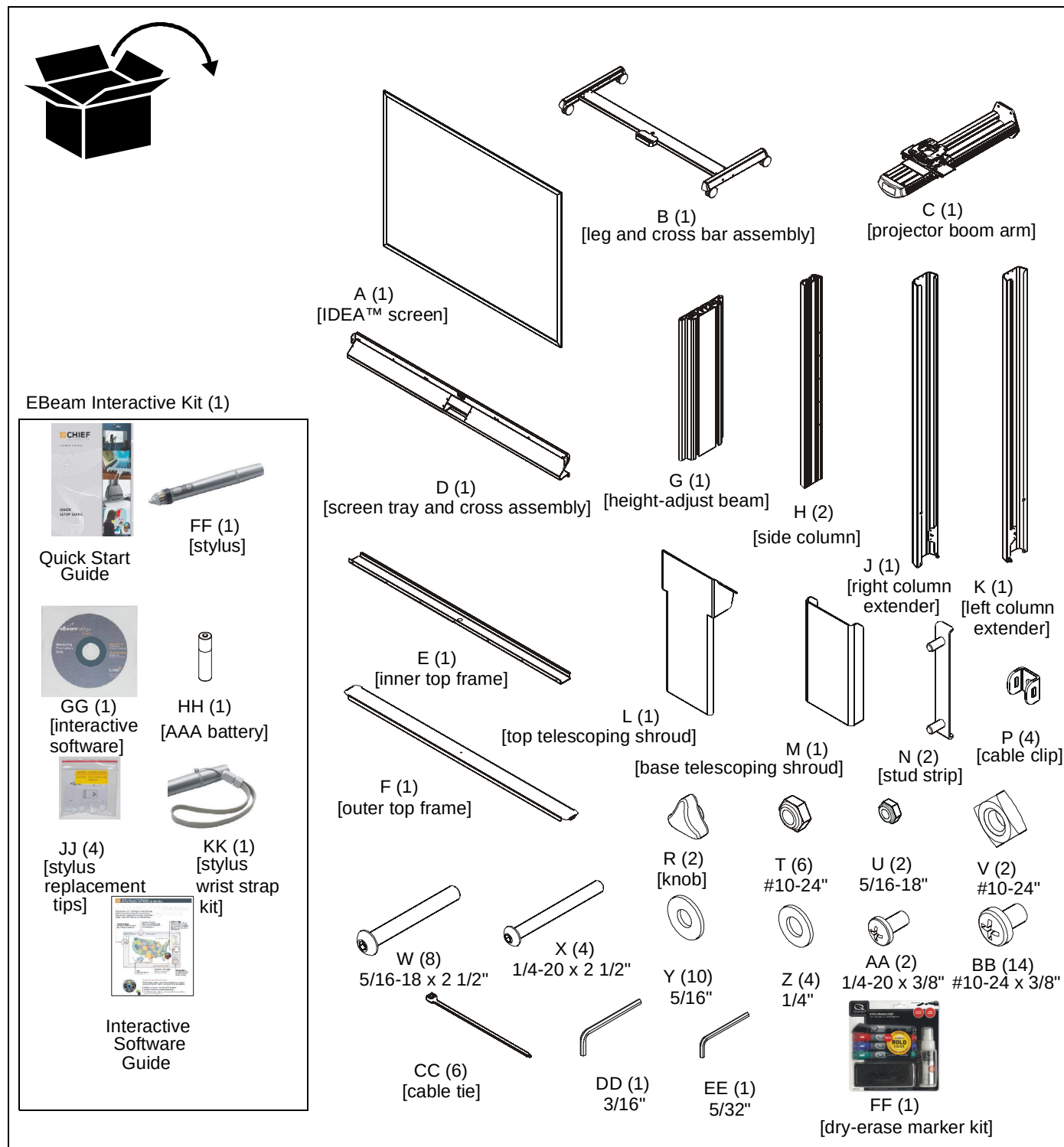
LEGEND

	Tighten Fastener Apretar elemento de fijación Befestigungsteil festziehen Apertar fixador Serrare il fissaggio Bevestiging vastdraaien Serrez les fixations		Pencil Mark Marcar con lápiz Stiftmarkierung Marcar com lápis Segno a matita Potloodmerkteken Marquage au crayon
	Loosen Fastener Aflojar elemento de fijación Befestigungsteil lösen Desapertar fixador Allentare il fissaggio Bevestiging losdraaien Desserrez les fixations		Drill Hole Perforar Bohrloch Fazer furo Praticare un foro Gat boren Percez un trou
	Phillips Screwdriver Destornillador Phillips Kreuzschlitzschraubendreher Chave de fendas Phillips Cacciavite a stella Kruiskopschroevendraaier Tournevis à pointe cruciforme		Adjust Ajustar Einstellen Ajustar Regolare Afstellen Ajuster
	Open-Ended Wrench Llave de boca Gabelschlüssel Chave de bocas Chiave a punte aperte Steeksleutel Clé à fourche		Remove Quitar Entfernen Remover Rimuovere Verwijderen Retirez
	By Hand A mano Von Hand Com a mão A mano Met de hand À la main		Optional Opcional Optional Opcional Opzionale Optie En option
	Hex-Head Wrench Llave de cabeza hexagonal Sechskantschlüssel Chave de cabeça sextavada Chiave esagonale Zeskantsleutel Clé à tête hexagonale		Security Wrench Llave de seguridad Sicherheitsschlüssel Chave de segurança Chiave di sicurezza Veiligheidssleutel Clé de sécurité

TOOLS REQUIRED FOR INSTALLATION



PARTS



Assembly And Installation

Cart Assembly

1. Use eight 5/16-18 x 2 1/2" button head cap screws (W) and eight 5/16" washers (Y) to secure two side columns (H) to leg and cross bar assembly (B). (See Figure 1)

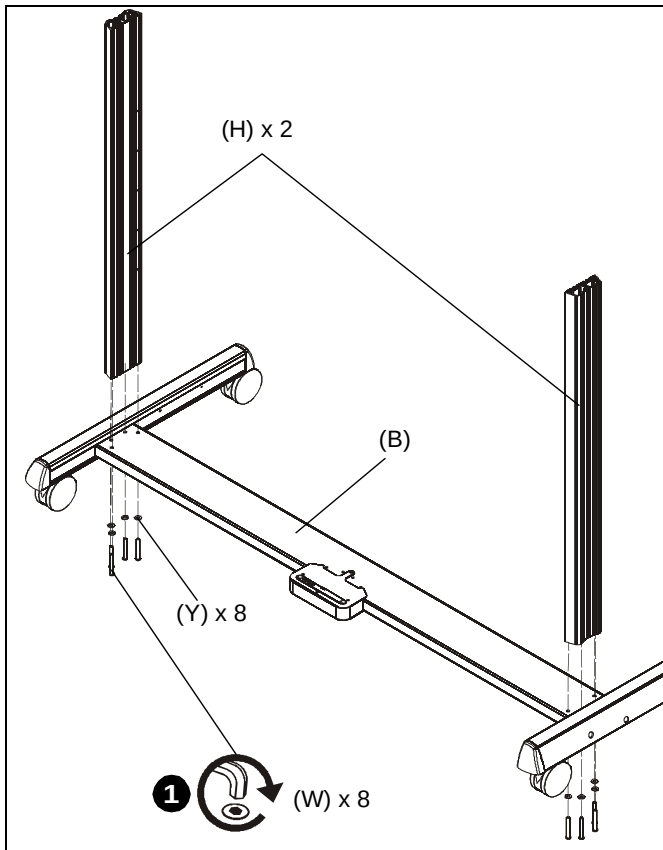


Figure 1

IMPORTANT ! : If using side columns (H) for cable management, install cable clips (P) to side columns prior to installing column extenders to side columns. Square nuts (V) will not be able to slide along the full channels if extenders are already attached. See Cable Management section for side column cable management installation instructions.

2. Slide two column extenders (J and K) over side columns (H). (See Figure 2)

NOTE: Make sure right column extender (J) is installed over right column and left column extender (K) is installed over left column.

3. Line up holes on extenders with holes on side columns at desired mounting height. (See Figure 2)

IMPORTANT ! : Setting the mounting height at this point is much easier than adjusting it after the screen has been installed. Make sure column extenders are set at desired height prior to installing screws in the next step.

4. Use two #10-24 x 3/8" Phillips pan machine screws (BB) to secure each column extender (J and K) to corresponding side column (H). (See Figure 2)

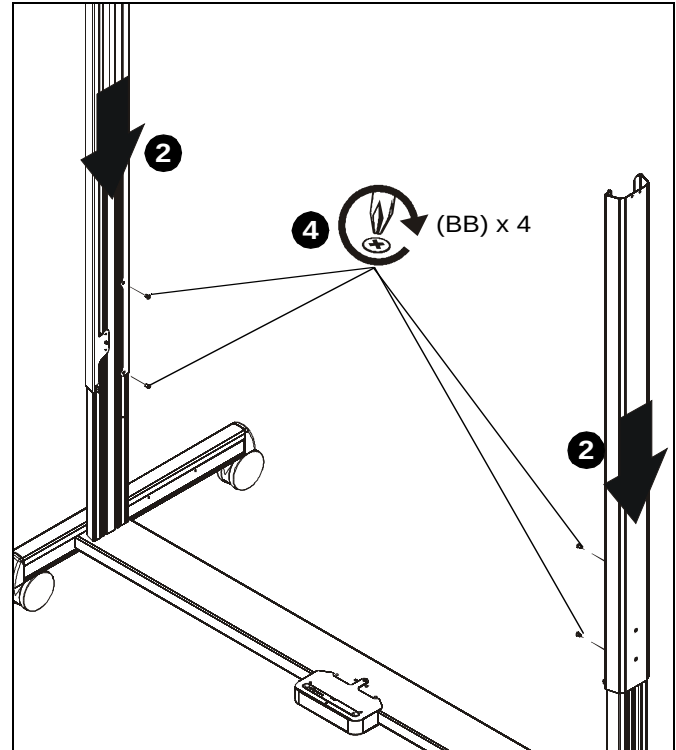


Figure 2

5. Hang screen tray and cross assembly (D) onto studs on column extenders (J and K). (See Figure 3)
6. Use four #10-24 Phillips pan machine screws (BB) to secure screen tray and cross assembly (D) to column extenders (J and K). (See Figure 3)

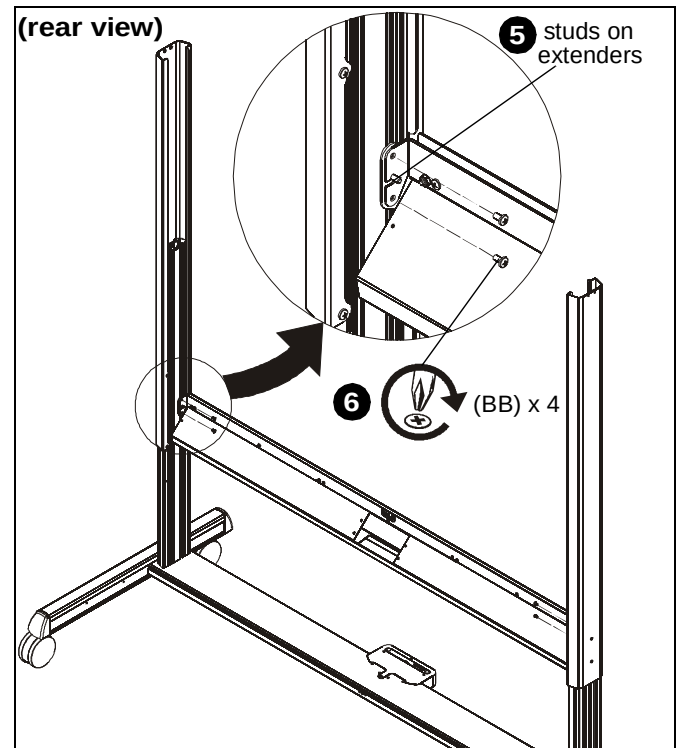


Figure 3

7. Slide height-adjust beam (G) inside top telescoping shroud (L) in preparation for installation to cart. (See Figure 4)
8. Install top telescoping shroud (L) with height-adjust beam (G) into opening of screen tray and cross assembly (D). (See Figure 4)
9. Use four 1/4-20 x 2 1/2" button head cap screws (X) and four 1/4" washers (Z) to secure height-adjust beam (G) and base telescoping shroud (M) to cross bar assembly (B). (See Figure 4)

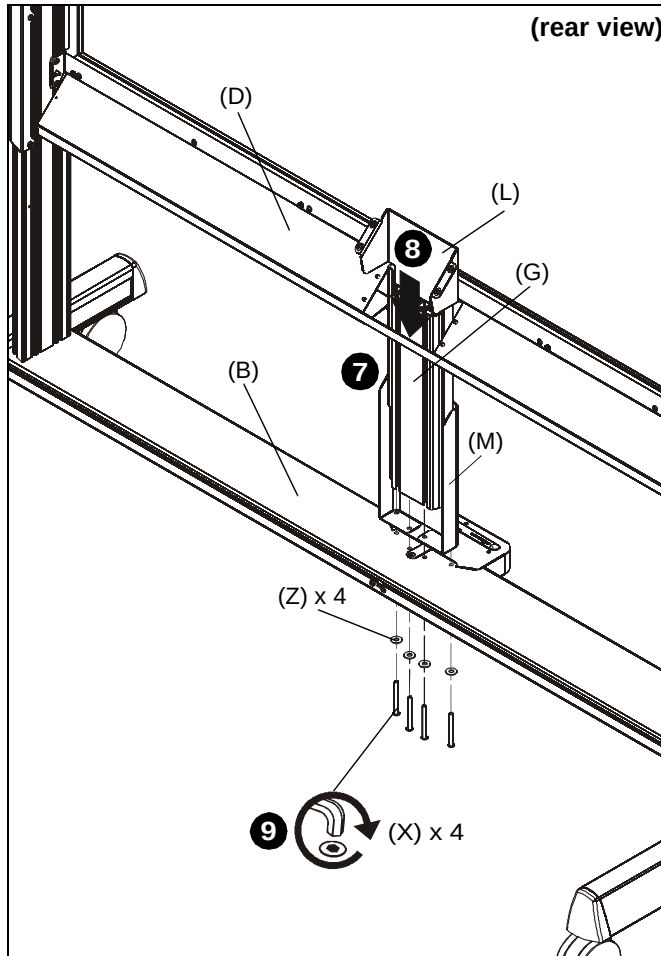


Figure 4

10. Use four #10-24 hex nuts to secure top telescoping shroud (L) to screen tray and cross assembly (D). (See Figure 5)
11. Slide two stud strips (N) into channels on height-adjust beam (G). (See Figure 5)

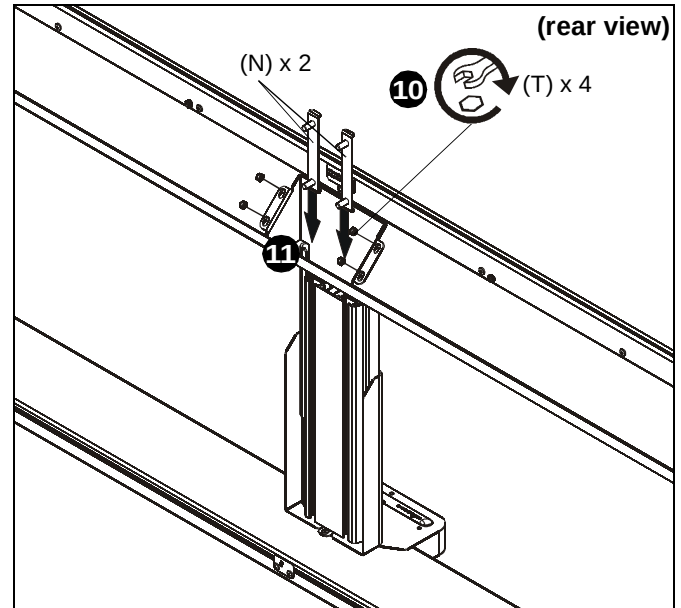


Figure 5

12. Use two knobs (R) to attach projector boom arm (C) to height-adjust beam by screwing them onto upper stud of each stud strip (N). (See Figure 6)
13. Loosely screw two 5/16" nuts (U) and two 5/16" (Y) washers onto lower stud of each stud strip (N). (See Figure 6)

IMPORTANT ! : Do NOT fully tighten nuts for easy height-adjustment capability.

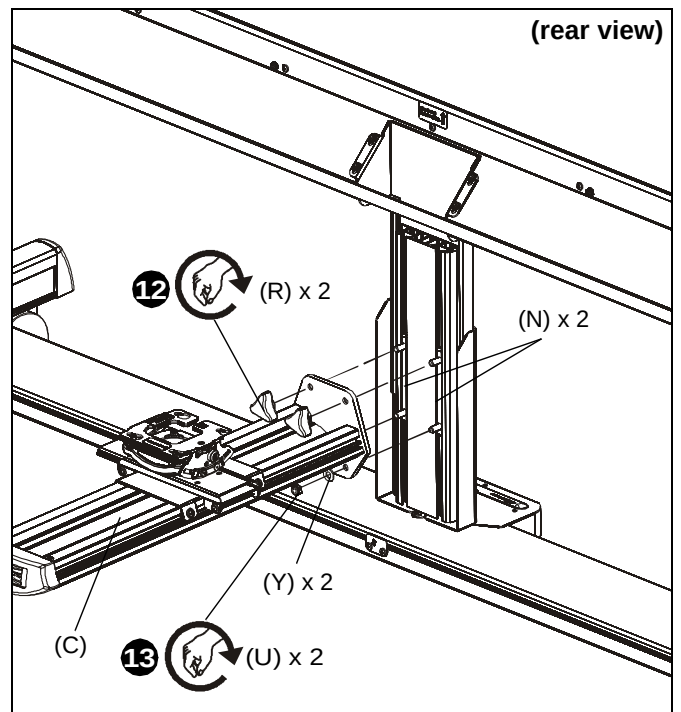


Figure 6

IDEA™ Screen Installation

1. Slide inner top frame (E) into outer top frame (F), making sure screws on inner frame are aligned with holes on outer top frame. (See Figure 7)

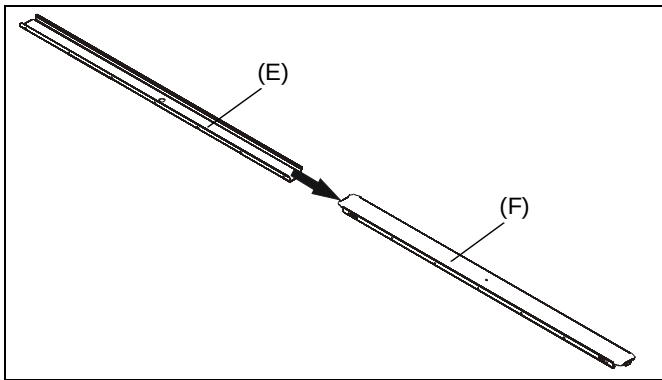


Figure 7



CAUTION: Do NOT touch back of IDEA™ screen during installation or projection surface may be damaged!

2. Carefully slide IDEA™ screen into cart, inserting it into the grooves at the back of the column extenders (J and K) and making sure it is fully seated in the top groove of the screen tray and cross assembly (D). (See Figure 8)
3. While holding the screen in place, set inner and outer top frames (E and F) on top of screen. (See Figure 8)

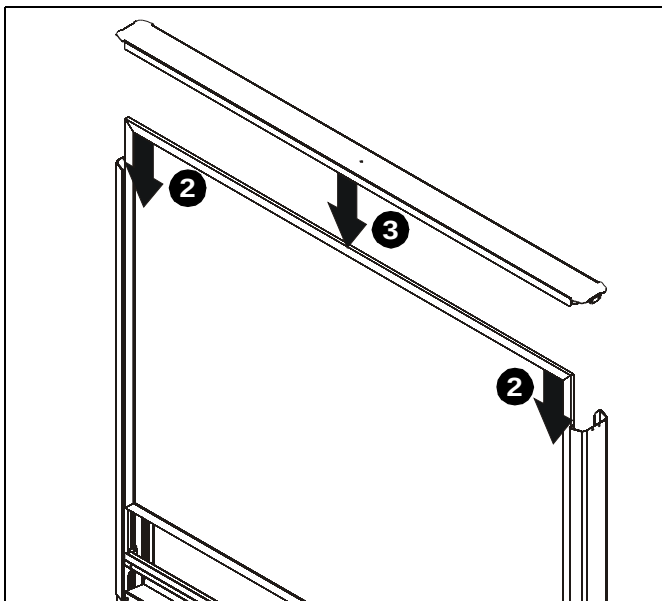


Figure 8

4. Use four #10-24 x 3/8" Phillips machine pan screws (BB) to secure outer top frame (F) to column extenders (J and K). (See Figure 9)
5. Turn seven screws pre-installed on inner top frame (E) counter-clockwise until screen is tightly secured. (See Figure 9)



CAUTION: Do NOT overtighten screws or screen may be damaged!

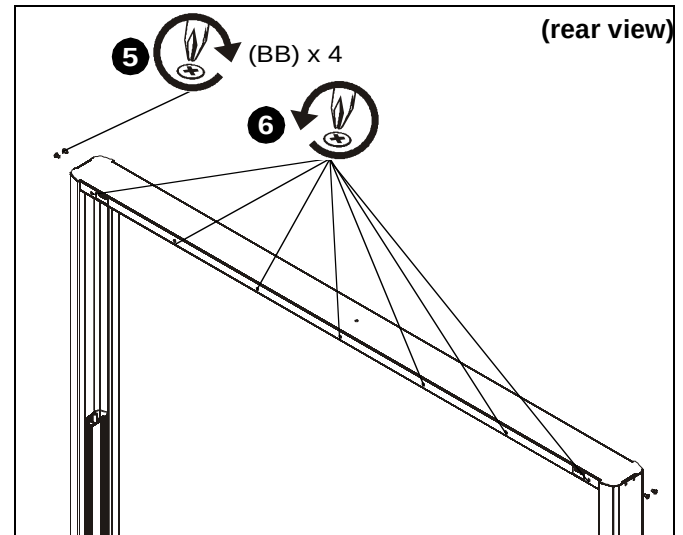


Figure 9

Projector Installation



CAUTION: Make sure knobs (R) are tightened prior to installing projector to projector boom arm! Boom arm may fall off if knobs are not secured.

1. Attach SSMU interface bracket to projector following SSMU installation instructions.
2. Lower projector and attached SSMU interface onto RSM plate on projector boom arm. (See Figure 10)
3. Slide projector with SSMU onto mounting slots in RSM plate until mounting buttons are seated against the back of mounting slots. (See Figure 10)
4. Move locking lever on RSM to "locked" position. (See Figure 10)
5. Insert key into lock and turn to secure projector to mount.

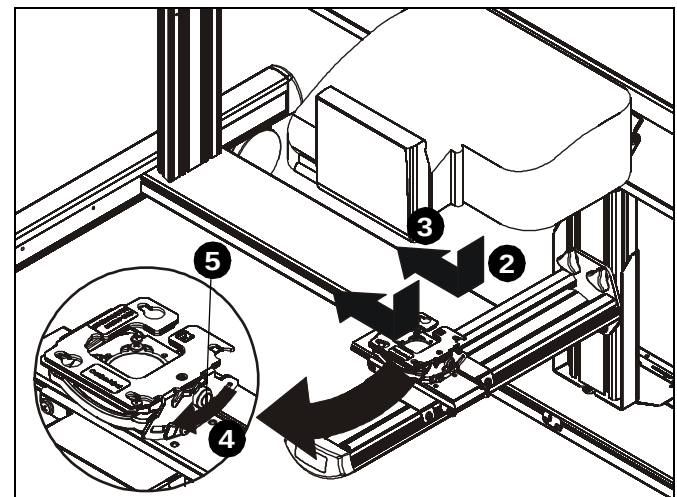


Figure 10

Cable Management

On Side Columns (Monitor Arm Accessory)

1. Slide two #10-24 square nuts (V) into side columns (H) prior to attaching column extenders (J and K).
2. Install two #10-24 x 3/8" Phillips pan machine screws (BB) through two cable clips (P) and into #10-24 square nuts (V). (See Figure 11)

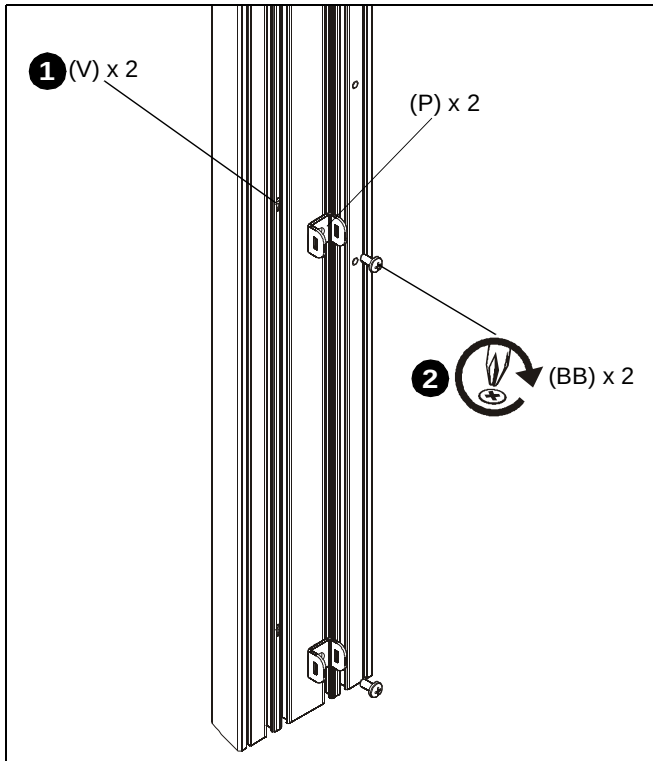


Figure 11

3. Route cables through cable clips and use cable ties (CC) to secure cables along side column. (See Figure 12)

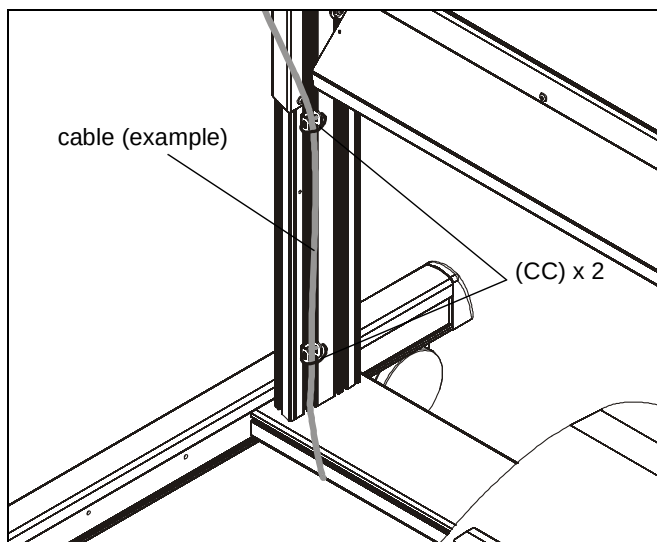


Figure 12

From Projector

4. Use two 1/4-20 x 3/8" Phillips pan machine screws (AA) to secure two cable clips (P) along base of cross bar assembly. (See Figure 13)

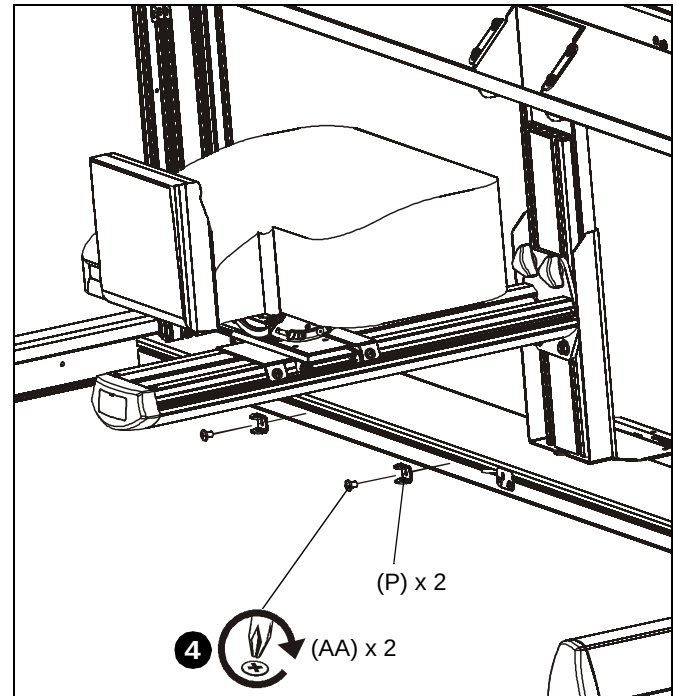


Figure 13

5. (Optional) Route cables from projector through boom arm channel down to cross bar assembly base. (See Figure 14)
6. Route cables through cable clips and use cable ties (Q) to secure cables along cross bar assembly base. (See Figure 14)

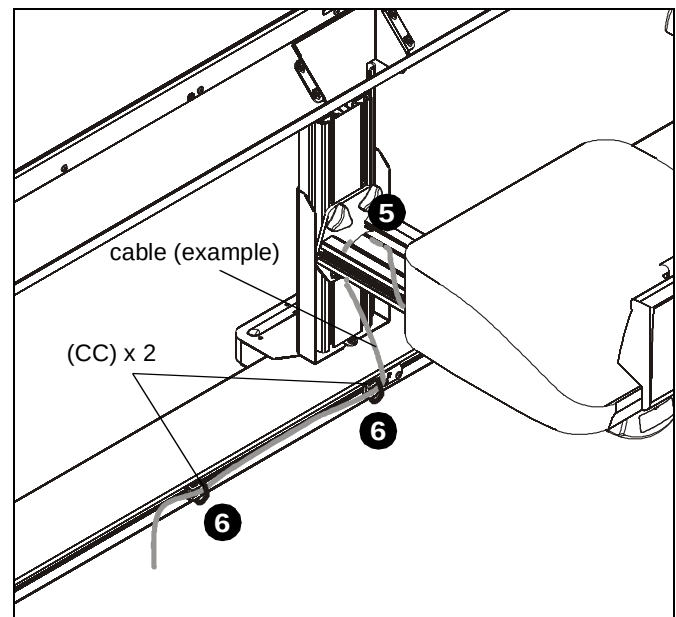


Figure 14

Adjustments

Height Adjustments

IDEA™ Screen



CAUTION: Make sure top frame is supported prior to removing screws to prevent screen from falling during height-adjustment!

1. Remove two screws connecting column extenders (J and K) to each side column (H). (See Figure 15)
2. Adjust height of screen to desired height and line up holes on column extenders with holes on side columns. (See Figure 15)
3. Use two removed screws to reattach each column extender to each side column at desired height. (See Figure 15)

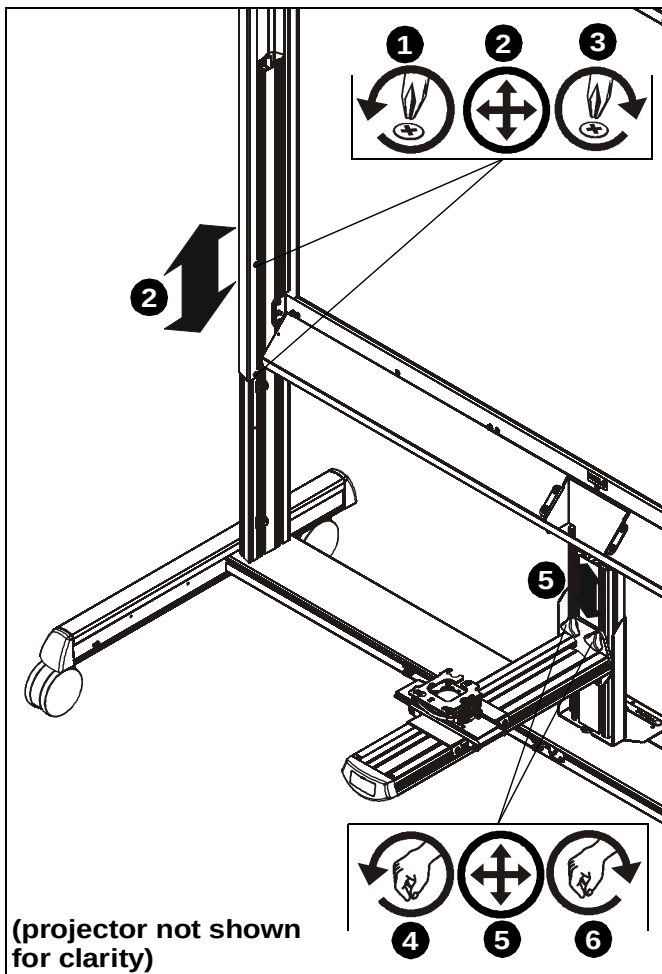


Figure 15

Projector

4. Loosen two knobs (R) securing projector boom arm to height-adjust beam. (See Figure 15)
5. Adjust boom arm height to desired height. (See Figure 15)
6. Tighten two knobs (R) to secure arm at desired position. (See Figure 15)

Projector Location Adjustments

Boom Arm Position

1. Loosen screws holding base bracket to projector arm. (See Figure 16)
2. Slide projector along projector arm until desired projector position is reached. (See Figure 16)
3. Tighten screws holding base bracket to projector arm. (See Figure 16)

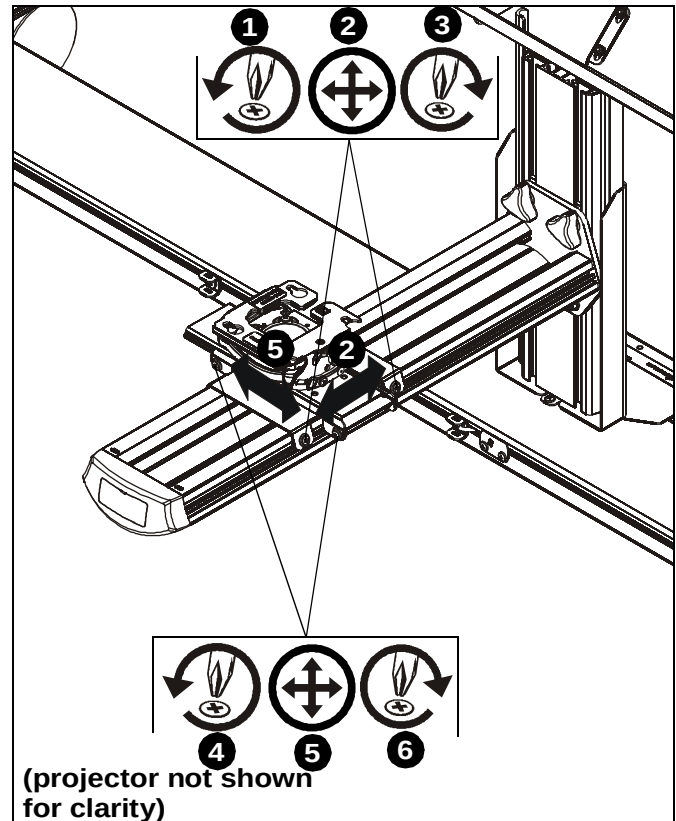


Figure 16

Lateral Shift

4. Loosen two screws on either side of the lateral shift plate. (See Figure 16)
5. Carefully slide projector laterally until desired lateral position is reached. (See Figure 16)



CAUTION: Do not slide projector too far to either side of lateral shift plate or projector may slide off plate!

6. Tighten two screws on either side of lateral shift plate that were loosened in Step 4. (See Figure 16)

Pitch Adjustment

7. Loosen Pitch adjustment locking screw. (See Figure 17)
8. Turn Pitch micro-adjustment screw right or left until image is properly aligned on screen. (See Figure 17)
9. Tighten Pitch adjustment locking screw. (See Figure 17)

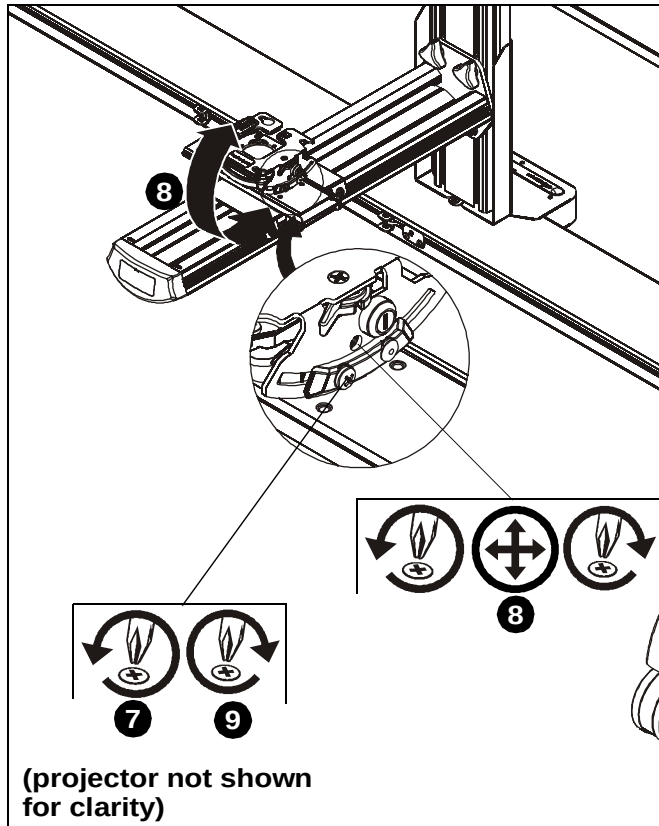


Figure 17

Yaw Adjustment

10. Loosen Yaw adjustment locking screw. (See Figure 18)
11. Turn Yaw micro-adjustment screw right or left until image is properly aligned on screen. (See Figure 18)
12. Tighten Yaw adjustment locking screw. (See Figure 18)

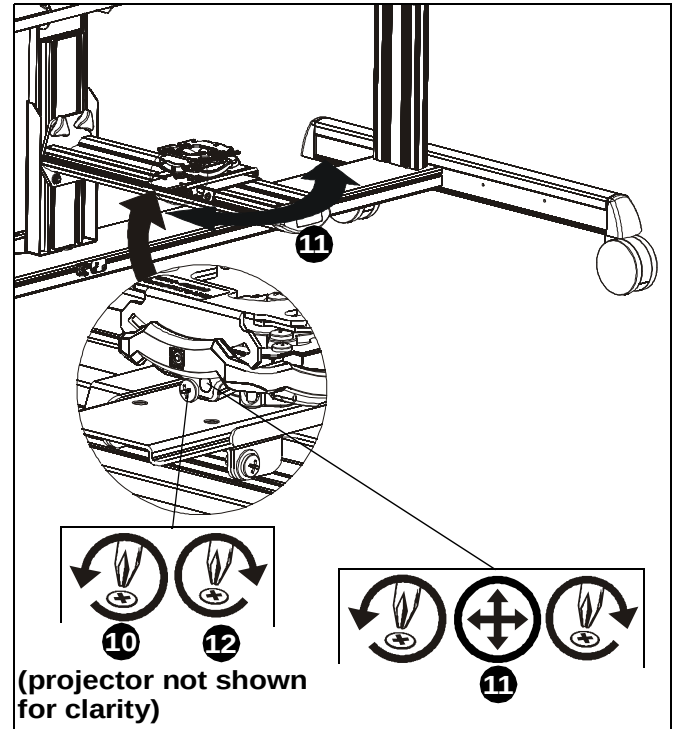


Figure 18

Roll Adjustment

13. Loosen Roll adjustment locking screw. (See Figure 19)
14. Turn Roll micro-adjustment screw right or left until image is properly aligned on screen. (See Figure 19)
15. Tighten Roll adjustment locking screw. (See Figure 19)

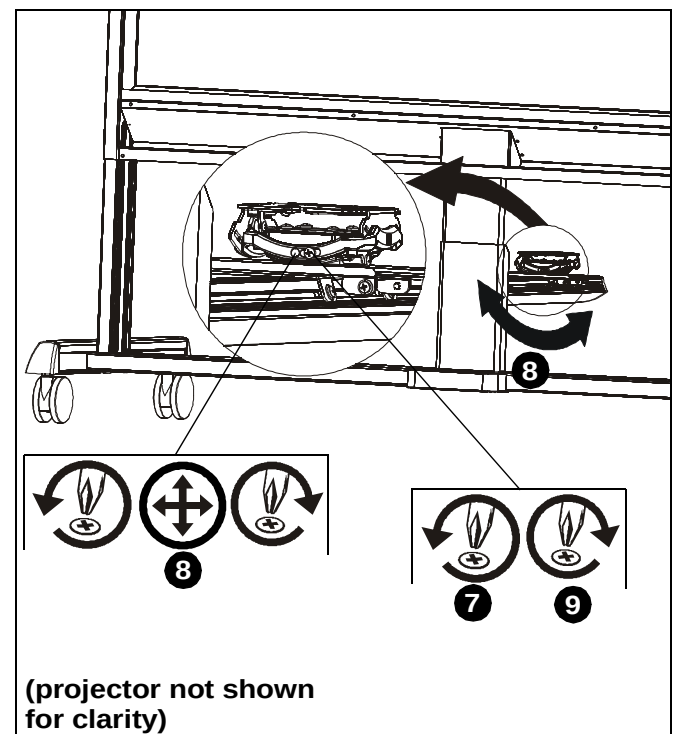


Figure 19



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